

Product Information

Polyshield Select 60+ is a unique double sided first class reflective insulation made of two pure aluminum foils (optional reinforced net), covering white or clear 6.50 mm bubbles (20 mm diameter). Both aluminum foils come with 3% emissivity (tested to ASTM standards) and 97% reflectivity, for an effective reduction of radiant heat. The 6.50 mm bubbles perform as a barrier to conduction and convection heat, as well as noise reduction cushion.

Select 60+

Structure of Insulation

A double sided high performing reflective insulation made of two pure aluminum foils covering 6.50 mm height strong air bubbles.



- 1 High purely low-e aluminum facing
- 2 Poly backing
- 3 6.5 mm Thermally insulating air-bubble layer
- 4 Poly backing
- 5 High purely low-e aluminum facing

OPTIONS

- Fire Retardant
- Reinforced Net
- Heavy Duty
- Anti-Scratch
- BS476 Part 6 Class 0
- AS/NZS 1530.2
- SIRIM / CIBD Approved
- The perfect bubbles size



97%

UPTO

REFLECT 97% OF RADIANT HEAT (SILVER SIDE)



Example of Polyshield Select 60+ Thermal Performance

The R values shown are based on average roof profile with average of 30-50mm top air gap

	Unit	
	M ² x C/W	Btu x in / (hr x ft ² x F)
Residential Roof		
- Tiles	2.80	15.96
- Metal	3.15	17.96
Metal Commercial Roof		
- Low Pitch with ceiling	3.35	19.10
- Low Pitch without ceiling	2.10	11.97
Concrete Commercial Roof		
- Low Pitch with ceiling	3.45	19.67
- Low Pitch without ceiling	2.20	12.54

The values shown here are based on the system R value.

Polyshield Select 60+ Specifications:

Thickness (nominal)	mm	± 6.5
Bubbles Diameter	mm	20
Emittance (ASTM)	%	3 to 5
Reflectivity (ASTM)	%	95 to 97
Foil Thickness	μ	7 to 20
Foil Purity	%	>99
Weight (nominal)	gsm/m ²	± 280
Standard Roll Size	m x m	1.20 m x 40 m
Effective Coverage	m ²	48
Standard Roll Weight (Gross)	kg	± 13.50 kg
Roll Diameter	mm	± 550

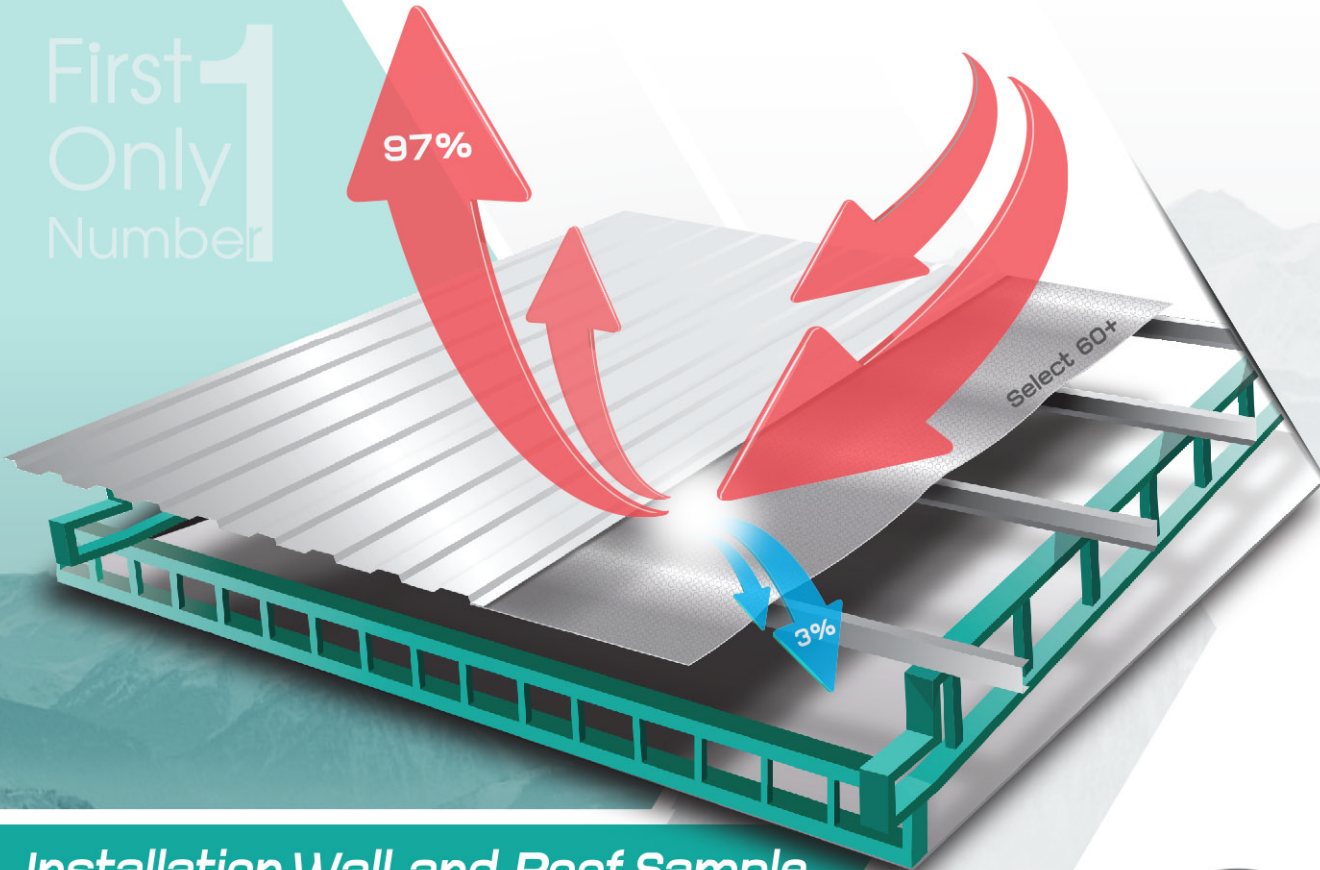
Reflective insulation solution you trust



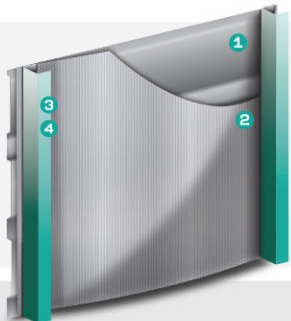
Select 60+



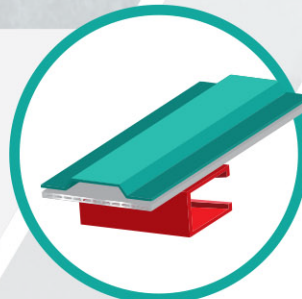
First
Only
Number



Installation Wall and Roof Sample



- 1 External metal cladding
- 2 Insulation
- 3 Steel portal frame
- 4 100 mm deep sheeting rails at 600 mm centres



97%

UP TO

REFLECT 97% OF RADIANT HEAT (SILVER SIDE)



PRODUCT OPTIONS

Product Options

Front	Back
<input type="checkbox"/> NET copper	<input type="checkbox"/> NET copper
<input type="checkbox"/> NET silver	<input type="checkbox"/> NET silver
<input type="checkbox"/> FR	<input type="checkbox"/> FR
<input type="checkbox"/> SA	<input type="checkbox"/> SA
<input type="checkbox"/> Anti Scratch	<input type="checkbox"/> Anti Scratch
<input type="checkbox"/> Anti Glare	<input type="checkbox"/> Anti Glare
<input type="checkbox"/> Extra Heavy Duty Aluminum Foil	<input type="checkbox"/> Extra Heavy Duty Aluminum Foil
<input type="checkbox"/> White finish	<input type="checkbox"/> White finish